



Ground Charge Compressor



Overview

Ultra PCS's prototype Ground Charge Compressor has been developed to pressurize the Pneumatic Power System (PPS) on and off the F-35 aircraft and other aircraft.

This system is based on our proven HiPPAG® compressor and pneumatics expertise. The in-depth knowledge of the F-35 aircraft enables us to configure the system to power and operate without powering the rest of the aircraft.

These LRUs are integrated into a robust case that is sealed against water, sand and dust when closed.

Key Features

- Charges PPS to 5,000 psi (345 Bar) with auto shutoff and analogue pressure indicator
- Bomb Rack Pump-Up time <15 minutes
- Portable in a Robust Plastic Case
- Mass: 65 lbs
- Size: 32 ins x 18 ins x 11 ins (813 mm x 457 mm x 280 mm)
- Proven Pneumatic Hose and Interfaces to F-35 PPS on and off the aircraft
- Planned Environmental Capability: -40°F / +120°F and IP65 in use
- Power Supply (customer select): 240 Vac single phase 50/60Hz, 270 VDC 115 VAC 400hz, or 115Vac single phase 60/50Hz
- Power Input Cables (Customer Select): North, American, UK & European Plugs

